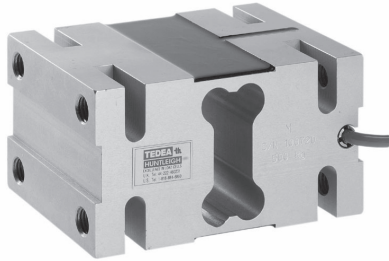


Aluminum Single point Load Cell



Model 1330 is a high capacity single point load cell designed for direct mounting of low profile high capacity weighing platforms up to 800 x 800mm.

The large platform size simplifies the construction of floor scales, baggage scales, hanging scales and other types of weighing machines.

FEATURES

- Capacities 500 - 1000kg
- Aluminum construction
- Single point - 800 x 800mm platform
- 6-Wire (sense) circuit
- IP67 protection
- OIML approved

A special humidity resistant protective coating assures long term reliability.

The two additional sense wires feed back the voltage reaching the load cell. Complete compensation of changes in lead resistance due to temperature change and/or cable extension, is achieved by feeding this voltage into the appropriate electronics.

SPECIFICATIONS			
GRADE	E	C3	UNITS
Rated Capacities	500, 750, 1000		kg
Rated Output	2.0 ± 10%		mV/V
Total Error*	0.030	0.020	± % of rated output
Zero Return after 30 mins	0.050	0.017	± % of applied load
Temperature Effect: On Output	0.003	0.001	± % of applied load/°C
On Zero	0.010	0.0023**	± % of rated output/°C
Eccentric Loading Error	0.0037	0.0012	± % of applied load/cm
Zero Balance	10		± % of rated output
Temperature Range: Operating	- 30 to + 70		°C
Compensated	- 10 to + 40		°C
Safe Overload	150		% of rated capacity
Ultimate Overload	300		% of rated capacity
Excitation: Recommended	10		Volts AC or DC
Maximum	15		Volts AC or DC
Input Impedance	415 ± 20		Ohms
Output Impedance	350 ± 5		Ohms
Insulation Impedance	> 2000		MegaOhms
Deflection at Rated capacity	< 0.8		mm
Weight	2.2		kg
Construction	Aluminum		
Environmental protection	IP67		
Cable	3 Meter Shielded Polyurethane Jacket		
Platform Size	800 x 800		mm

*Meets OIML R60 requirements

Recommended torque 130Nm

**utilization at 50%

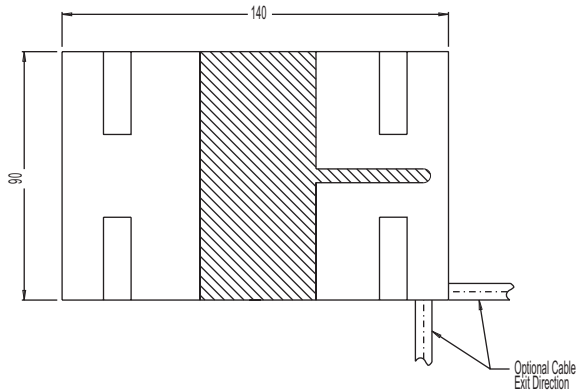
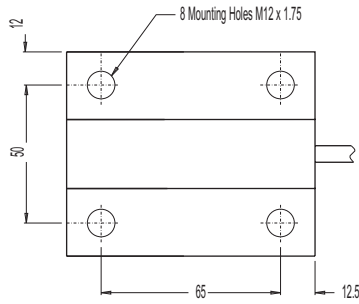
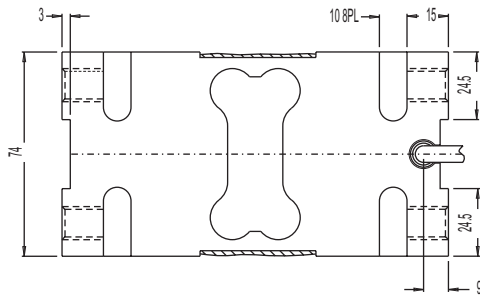
1330

Vishay Tedea-Huntleigh

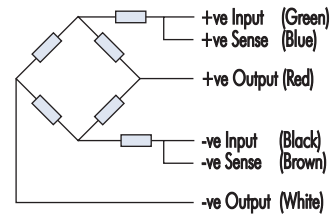


Aluminum Single Point Load Cell

DIMENSIONS in millimeters



Wiring Schematic Diagram



BALANCED TEMPERATURE COMPENSATION

VISHAY TRANSDUCERS (VT) - SALES OFFICE Denmark

Nordic Transducer

Als Odde DK9560 Hadsund Denmark
ph.: +45 98581444 - Fax. +45 98581866
e-mail: ntt@ntt.dk - web: www.ntt.dk